

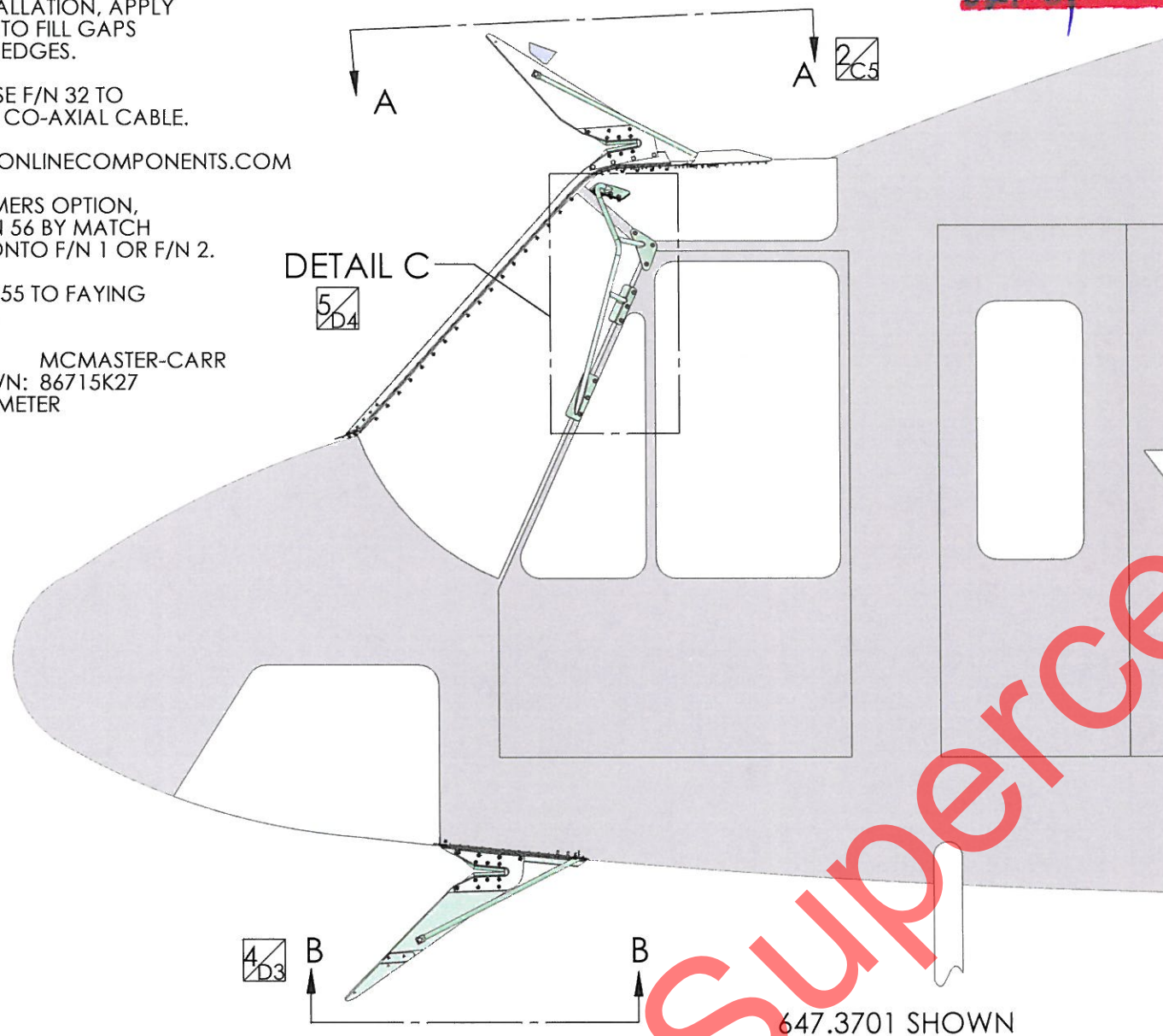




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NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
- 2 IF REQD, USE F/N 32 TO CONNECT CO-AXIAL CABLE.
- 3 VENDOR : ONLINECOMPONENTS.COM
- 4 AT CUSTOMERS OPTION, INSTALL F/N 56 BY MATCH DRILLING ONTO F/N 1 OR F/N 2.
- 5 APPLY F/N 55 TO FAYING SURFACES.
- 6 VENDOR : MCMMASTER-CARR  
VENDOR P/N: 86715K27  
60A DUROMETER



UNINCORPORATED ECN(S)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	09-29-09	P. BRAVO

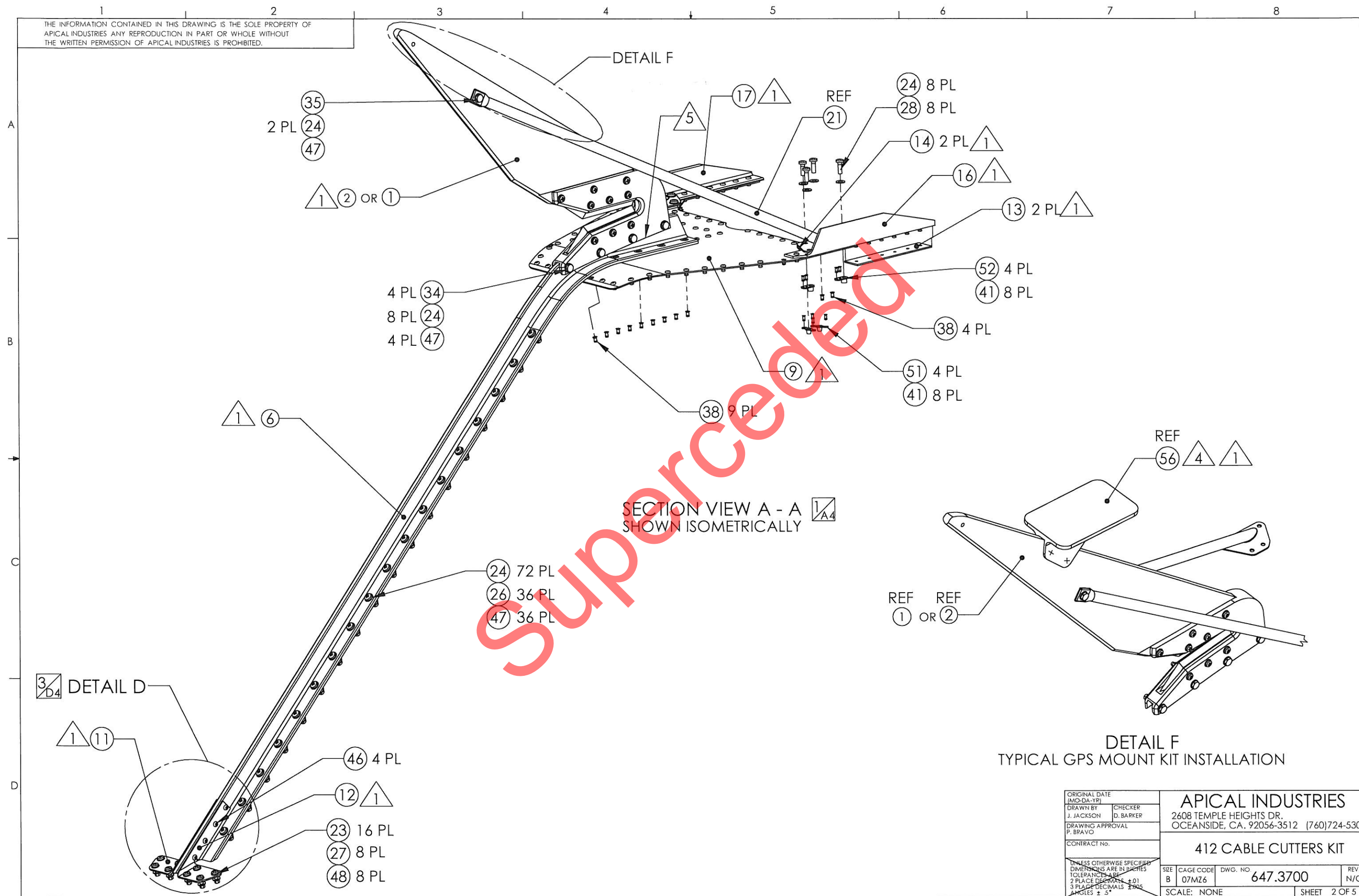
	16	16	16	16	41	601.2207	NUTPLATE RIVET	CCR264SS-3-03	
	12	12	12	12	40	601.2491	NUTPLATE RIVET	CCR264SS-3-04	
	7	7	4	4	39	601.1066	CHERRY RIVET	CR3212-4-4	
	17	17	17	17	38	601.1065	CHERRY RIVET	CR3212-4-3	
	5	5	6	6	37	601.1604	CHERRY RIVET	CR3212-4-2	
	6	6	6	6	36	601.3082	CHERRY RIVET	CR3212-4-1	
	2	2	2	2	35	601.1874	BOLT	AN3C10A	
	8	8	8	8	34	601.2826	BOLT	AN3-11A	
	3	3	3	3	33	601.2823	BOLT	AN3-4A	
	1	1	1	1	32	601.3073	CONNECTOR	082-4440	3 2
	8	8	8	8	31	601.2419	SCREW	MS24694C53	
	1	1	1	1	30	601.3070	SCREW	MS24694-549	
	2	2	2	2	29	601.2893	SCREW	MS27039-0811	
	14	14	14	14	28	601.3069	SCREW	MS27039-1-09	
	16	16	16	16	27	601.2263	SCREW	MS27039-0808	
	42	42	42	42	26	601.1365	SCREW	MS27039-1-10	
	12	12	12	12	25	601.2198	SCREW	MS27039-1-07	
	157	157	157	157	24	601.1607	WASHER	NAS1149F0332P	
	34	34	34	34	23	601.2764	WASHER	NAS1149FN832P	
	1	1	1	1	22	647.4313	RH UPPER STRUT		
	1	1	1	1	21	647.4312	LH UPPER STRUT		
	1	1	1	1	20	647.4310	LH LOWER STRUT		
	1	1	1	1	19	647.4311	RH LOWER STRUT		
	1	1			18	647.4212	PLATE		
	1	1	1	1	17	647.4211	BRACKET RH		
	1	1	1	1	16	647.4210	BRACKET LH		
	1	1	1	1	15	647.4116	SHIM		
	2	2	2	2	14	647.4115	SHIM		
	2	2	2	2	13	647.4114	SHIM		
	1	1	1	1	12	647.4113	CLIP		
	1	1	1	1	11	647.4112	CLIP		
	1	1	1	1	10	647.4111	DOUBLER		
	1	1	1	1	9	647.4110	DOUBLER		
	1	1	1	1	8	647.4011	WIPER DEFLECTOR LH		
	1	1	1	1	7	647.4010	WIPER DEFLECTOR RH		
	1	1	1	1	6	647.3915	DEFLECTOR		
	1	1	1	1	5	647.4410	RAIL		
	1		1		4	647.3804	LOWER CUTTER ASSY HIGH		
		1		1	3	647.3803	LOWER CUTTER ASSY LOW		
	1	1			2	647.3802	212 UPPER CUTTER ASSY		
			1	1	1	647.3801	412 UPPER CUTTER ASSY		
						647.3704	204, 205, 212 CABLE CUTTERS KIT HIGH		
						647.3703	204, 205, 212 CABLE CUTTERS KIT LOW		
						647.3702	412 CABLE CUTTERS KIT HIGH		
						647.3701	412 CABLE CUTTERS KIT LOW		
	.3704	.3703	.3702	.3701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

	REF	REF	REF	REF	56	647.5701	GPS MOUNT KIT		4
	A/R	A/R	A/R	A/R	55	601.2045	RTV	LOCTITE 598	5
	A/R	A/R	A/R	A/R	54	601.1012	SEALANT	PR-1425 CLASS B	1
	1	1	1	1	53	601.3083	ADHESIVE RUBBER SEAL	MIL-R-3065	6
	4	4	4	4	52	601.2957	NUTPLATE	MS21071L3	
	4	4	4	4	51	600.0795	NUTPLATE	MS21047-3	
	6	6	6	6	50	601.3066	NUTPLATE	MS21047L08	
	6	6	6	6	49	601.3065	NUTPLATE	MS21047L06	
	18	18	18	18	48	601.2973	LOCKNUT	MS21042-08	
	79	79	79	79	47	601.2943	LOCKNUT	MS21042-3	
	4	4	4	4	46	601.2364	CHERRY RIVET	CR3213-4-8	
	28	28	42	42	45	601.1183	CHERRY RIVET	CR3213-4-5	
	16	16	19	19	44	601.1915	CHERRY RIVET	CR3213-4-4	
	24	24	32	32	43	601.0790	CHERRY RIVET	CR3213-4-3	
	31	31	13	13	42	601.1039	CHERRY RIVET	CR3213-4-2	
	.3704	.3703	.3702	.3701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY				PARTS LIST			
NEXT ASSY (S)				ORIGINAL DATE (MO-DA-YR) 09-29-09			
				DRAWN BY J. JACKSON			
				CHECKER D. BARKER			
				DRAWING APPROVAL P. BRAVO 09-29-09			
				CONTRACT NO.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
				APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
				412 CABLE CUTTERS KIT			
				SIZE B CAGE CODE 07MZ6 DWG. NO. 647.3700 REV. N/C			
				SCALE NONE SHEET 1 OF 5			



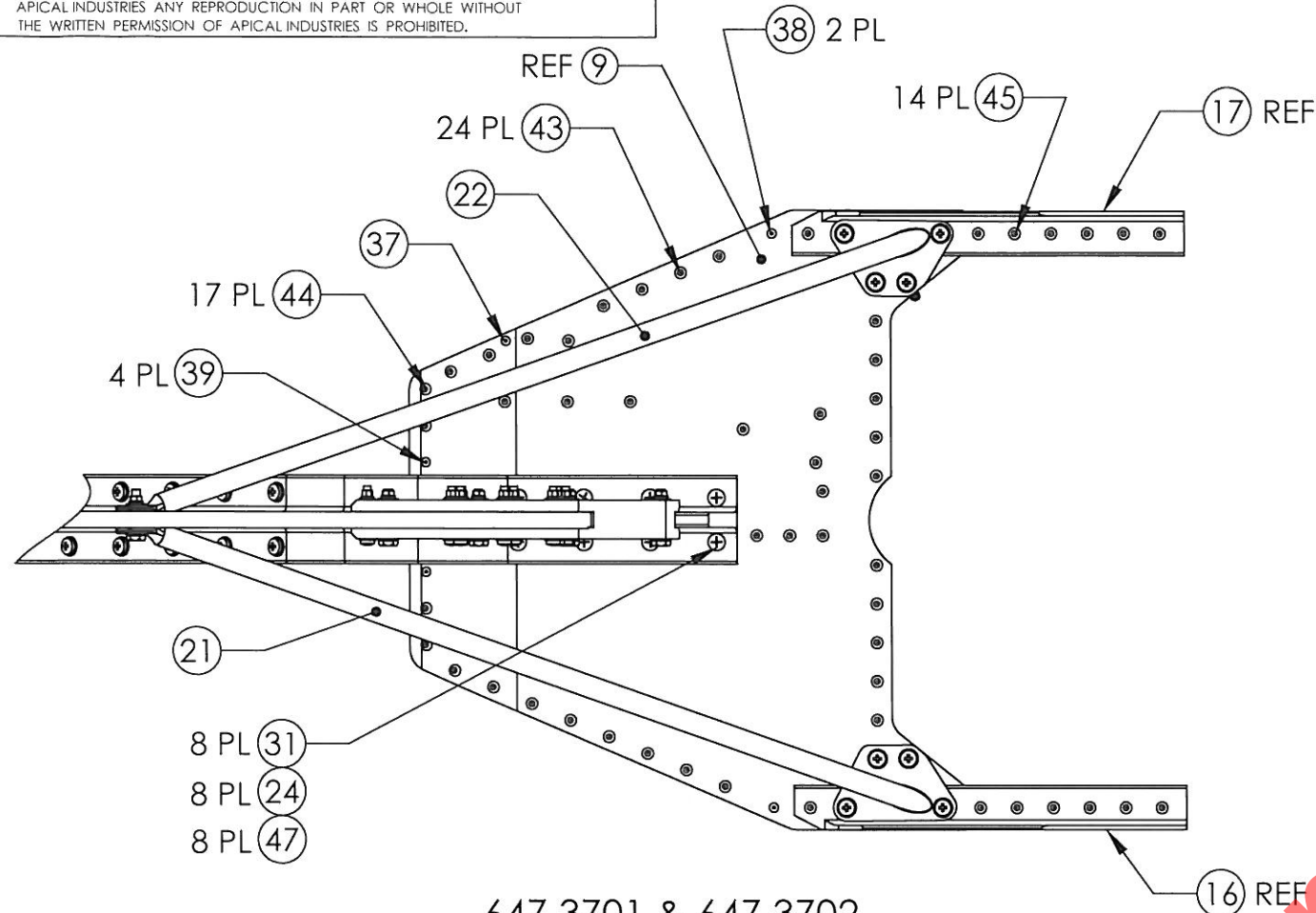
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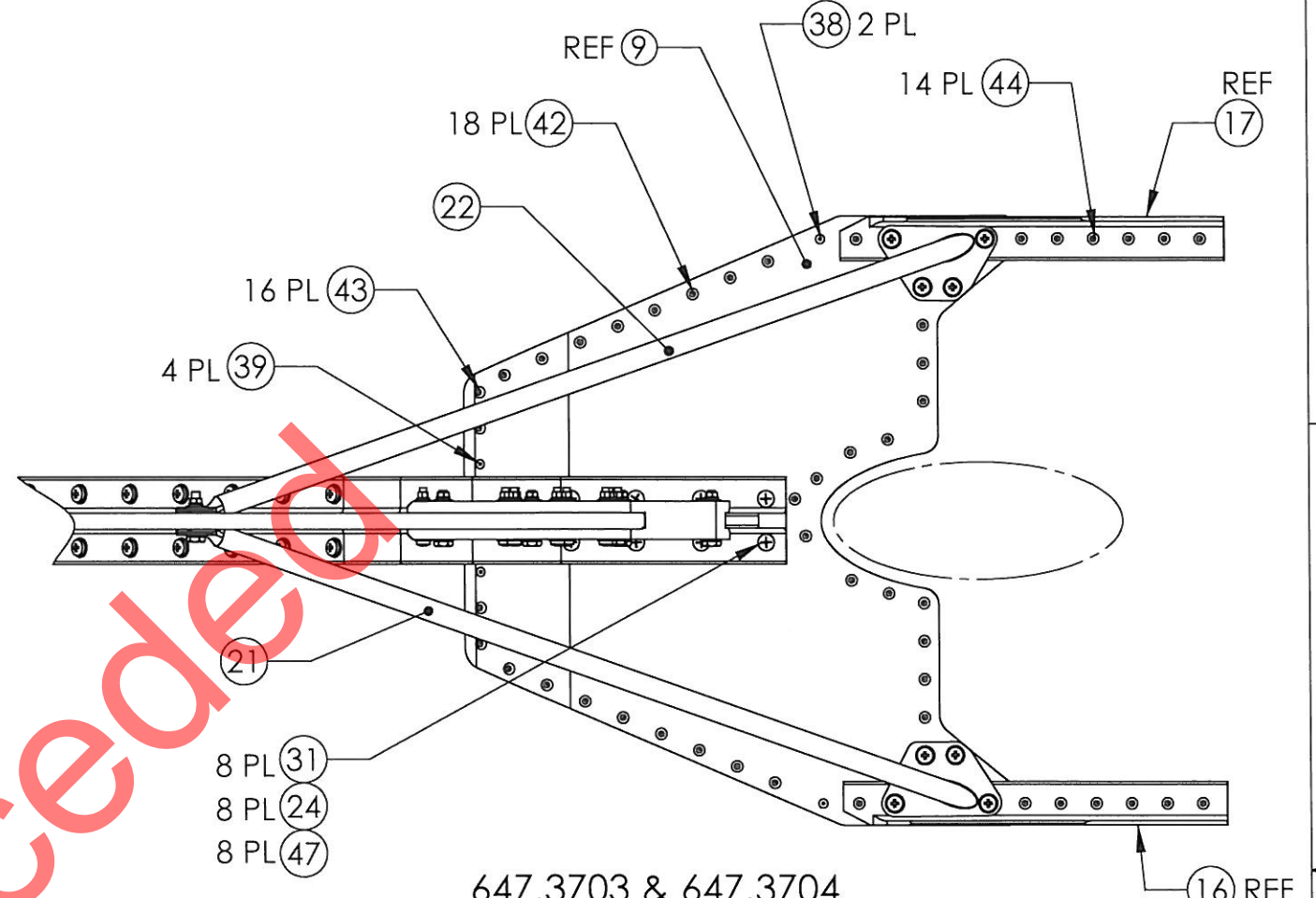
### DETAIL F TYPICAL GPS MOUNT KIT INSTALLATION

ORIGINAL DATE (MO-DA-YR)		<h1>APICAL INDUSTRIES</h1> <p>2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300</p>			
DRAWN BY J. JACKSON	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO		<h2>412 CABLE CUTTERS KIT</h2>			
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3700	REV. N/C
SCALE: NONE			SHEET 2 OF 5		

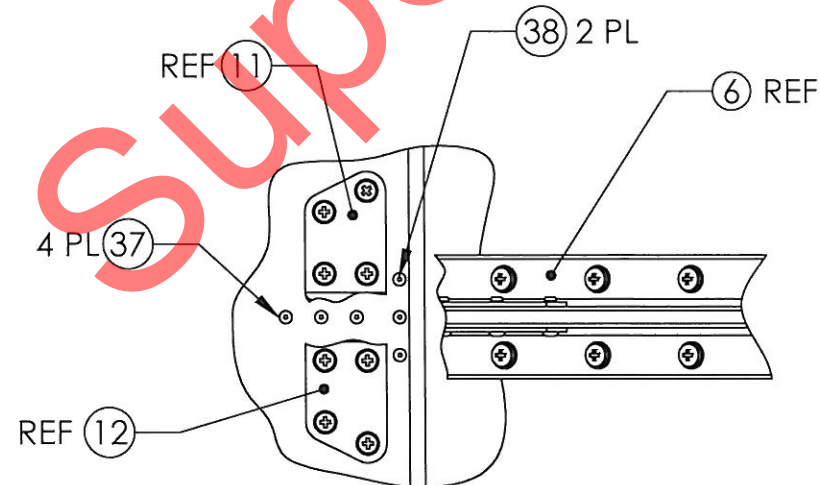
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647.3701 & 647.3702  
UPPER CUTTER ASSEMBLY  
TOP VIEW



647.3703 & 647.3704  
UPPER CUTTER ASSEMBLY  
TOP VIEW

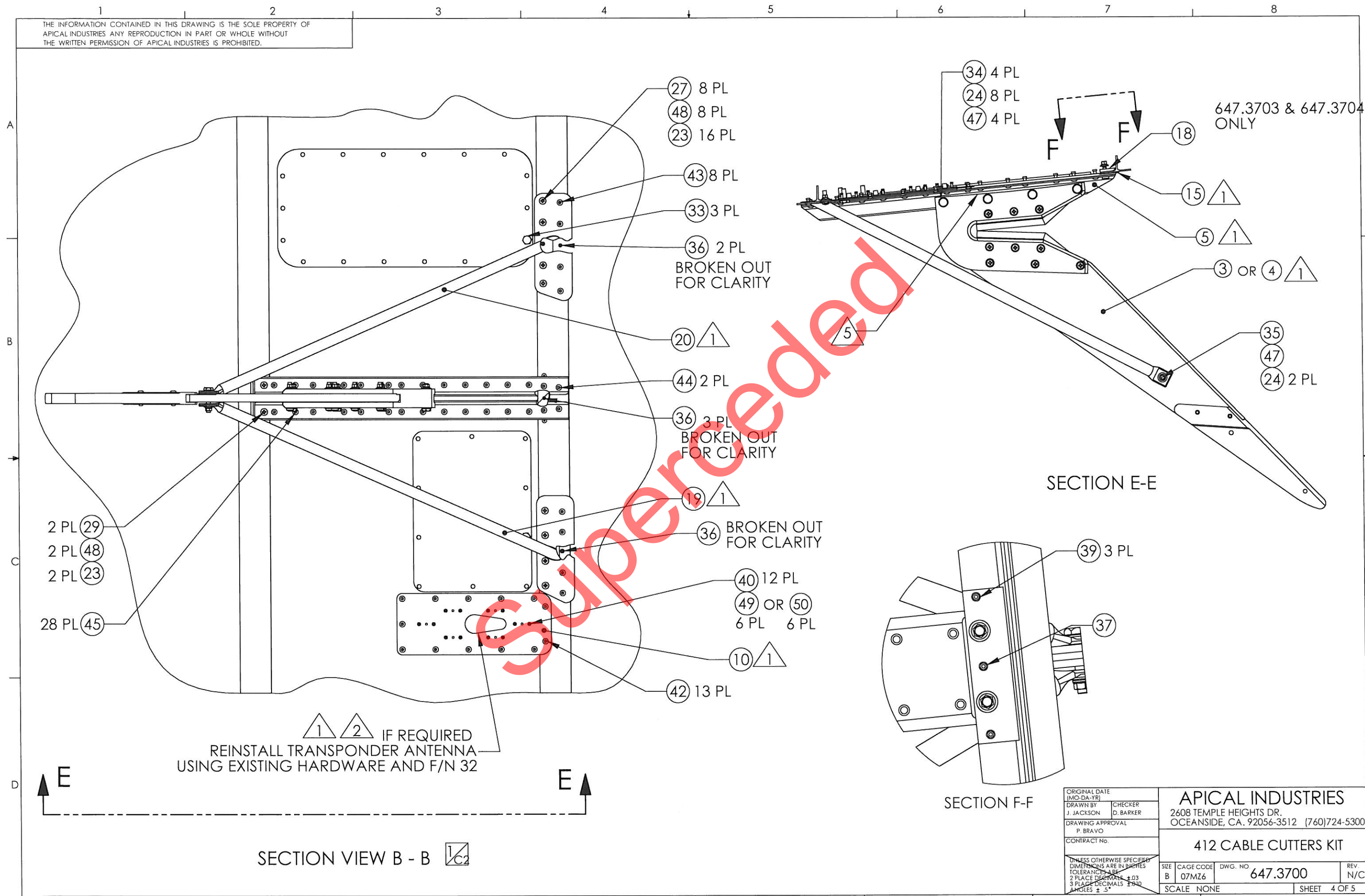


DETAIL D  
TOP VIEW  
BROKEN OUT FOR CLARITY

ORIGINAL DATE (MO-DA-YR)		APICAL INDUSTRIES	
DRAWN BY J. JACKSON	CHECKER D. BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		412 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.3700
		SCALE NONE	SHEET 3 OF 5



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1 2 3 4 5 6 7 8

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A

BROKEN OUT FOR CLARITY  
RH SIDE ONLY

(30)  
(24)  
(47)

(28) 3 PL  
(24) 6 PL  
(47) 3 PL

(53) TRIM TO FIT

(26) 3 PL  
(24) 6 PL  
(47) 3 PL

B

△ 1 LH (8)  
OR  
△ 1 RH (7)

(25) 6 PL  
(24) 12 PL  
(47) 6 PL

C

DETAIL C   
LH SHOWN, RH OPPOSITE  
2 PL

ORIGINAL DATE (MO-DA-YR)		APICAL INDUSTRIES	
DRAWN BY J. JACKSON	CHECKER D. BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		412 CABLE CUTTERS KIT	
CONTRACT No.		SIZE B	REV. N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.3700
		SCALE NONE	SHEET 5 OF 5